

Charles H. Risner

**Personal Data:**

**Address:**

**REDACTED**

**Phone:** (919) 741-4951 (Work)

**REDACTED**

**Professional**

**Affiliation:**

American Chemical Society

**Education:**

B.S. in Chemistry,  
Virginia Polytechnical Institute  
and State University, 1969

M.S. in Analytical Chemistry  
University of North Carolina at  
Greensboro, 1984

**Special Skills:**

High performance liquid chromatography,  
Fluorescence spectroscopy

**Work Experience:**

Analytical Chemistry (approximately 21 years)

Reviewer for Journal of Chromatographic  
Science (5 years)

2021161818  
1

## **Presentations:**

1. Metal-Ion Interaction with an 8-Quinololinol Silica Gel (QSG) Stationery Phase: Evaluation of Bouded-Phase Loading and Several Mobile Phase Buffers, Charles H. Risner and John R. Jezorek, 35th Southeastern Regional Meeting of the ACS, Charlotte, NC, Nov. 9-11, 1983.
2. Quantitation of Some Tobacco Anions by Eluent Suppressed Anion Exchange Liquid Chromatography, Charles H. Risner, 39th TCRC, Montreal, Quebec, Canada, Oct. 2-5, 1985.
3. The Determination of Benza[a]Pyrene in the Total Particulate Matter of Cigarette Smoke, Charles H. Risner, 40th TCRC, Knoxville, TN, Oct. 13-16, 1986.
4. The Determination of Citrate in Cigarette Paper by Ion Exclusion Chromatography, C.H. Risner, T.R. Conner and R.J. Dunn, 41st TCRC, Greensboro, NC, Oct. 6, 1987.
5. The Determination of Major Phenolic Compounds in Tobacco Smoke, Charles H. Risner and Sheila L. Cash, 42nd TCRC, Lexington, KY, Oct. 2-5, 1988; 40th Southeastern Regional Meeting of the American Chemical Society, Atlanta, GA, Nov. 9-11, 1988; RJR Nabisco Science Forum '88, Winston-Salem, NC, Nov. 15-17, 1988.
6. The Quantification of ETS Phenols, Charles H. Risner and Sheila L. Cash, 43rd TCRC, Richmond, VA, Oct. 2-5, 1989; Southeast Regional Meeting of the American Chemical Society, Winston-Salem, NC, Oct. 9-11, 1989.
7. The Quantification of 4-to-6-Ring Polynuclear Aromatic Hydrocarbons in Indoor Air Samples by High-Performance Liquid Chromatography, Charles H. Risner and James M. Conner, 44th TCRC, Winston-Salem, NC, Sept. 30-Oct. 3, 1990.
8. A New Device for Collection of Ammonia in Air, Charles H. Risner and James M. Conner, 1990 Combined Southeast/Southwest Regional Meeting of the American Chemical Society, New Orleans, LA, Dec. 5-7, 1990.

**Publications:**

1. The Chromatographic Interaction and Separation of Metal Ions with 8-Quinolinol Stationary Phases in Several Aqueous Eluents, Charles H. Risner and John R. Jezorek, Anal. China. Acta. 186, 233-245, 1986.
2. Quantitation of Some Tobacco Anions of Eluent Suppressed Anion Exchange Chromatography Using Conventional Liquid Chromatographic Equipment, Charles H. Risner, Tob. Sci., 30, 35-40, 1986.
3. The Determination of Citrate in Cigarette Paper by Ion-Exclusion Chromatography, Charles H. Risner, Theodore R. Conner and Rebakah J. Dunn, Tob. Sci., 31, 99-103, 1987.
4. The Determination of Benzo[a]pyrene in the Total Particulate Matter of Cigarette Smoke, Charles H. Risner, J. Chrom. Sci., Vo. 26, No. 3, 113-120, 1988.
5. The Determination of Benzo[a]Pyrene and Benz[a]Anthracene in Mainstream and Sidestream Smoke of Kentucky Reference Cigarette 1R4F and A Cigarette Which Heats but Does Not Burn Tobacco: A Comparison, Charles H. Risner, Vol. 15, No. 1, 1990.
6. A High-Performance Liquid Chromatography Determination of Major Phenolic Compounds in Tobacco Smoke: A Comparison Between Kentucky Reference Cigarette 1R4F and A Cigarette Which Heats But Does Not Burn Tobacco, Charles H. Risner and Sheila L. Cash, J. Chrom. Sci., Vol. 28, 239-244, 1990.
7. The Determination of Hydroquinone, Catechol, Phenol and m&p-Cresols in Indoor Air Samples by High Performance Liquid Chromatography, Charles H. Risner and Sheila L. Cash, Environ. Tech., Vol. 11, 345-352, 1990.
8. The Quantification of 4-to-6-Ring Polynuclear Aromatic Hydrocarbons in Indoor Air Samples by High Performance Liquid Chromatography, manuscript in preparation for submission to Journal of Liquid Chromatography.
9. Collection of Ammonia in Indoor Air by Means of a Weak Cation Exchange Cartridge, manuscript in preparation for submission to Environmental Toxicology and Chemistry.